Bruhat Bangalore Mahanagara Palike

Name of Work: Modified Estimate for Development and Improvements of roads and drains in Ward no-01 of Yelahanka Sub Division.

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	Removing & Refixing Stone Slabs of drains and Pointing in C.M(1:3).								
						6657.00	Sqm	86.20	573833.40
2	Providing granite slabs of selected quality roughly dressed and fixedin cement mortar (1:6) including fixing curing etc., complete. 7.5cm thick								
						86.02	Sqm	712.28	61,270.33
3	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
	For Drain								
	Yellamma temple road	1	77.40	1.20	1.00	92.88			
	Kurlappa Layout	1	175.10	1.20	1.00	210.12			
	Papayya Layout								
	Marutheshwara temple road	1	83.70	1.20	1.00	100.44			
	8th cross, 1st main to dead end	1	124.70	1.20	1.00	149.64			
	8th cross, internal road	1	68.40	1.20	1.00	82.08			
	1st main road	1	83.50	1.20	1.00	100.20			
	Maruthinagar Left side								
	6th A cross	1	47.70	1.20	1.00	57.24			
	7th A cross	1	57.40	1.20	1.00	68.88			
	8th A cross	1	50.20	1.20	1.00	60.24			
	18th & 16th connecting road	1	116.50	1.20	1.00	139.80			
	7th cross	1	90.80	1.20	1.00	108.96			
	6th cross	1	113.00	1.20	1.00	135.60			
	8th cross	1	79.90	1.20	1.00	95.88			
	4th main road	1	69.00	1.20	1.00	82.80			
	1st A cross	1	146.80	1.20	1.00	176.16			
	11th A cross	1	43.50	1.20	1.00	52.20			
	Water tank road, from dead end	1	119.60	1.20	1.00	143.52			
	10th A cross, water tank road to dead end road	1	60.00	1.20	1.00	72.00			
	Cross road behind, 10th A cross	1	60.70	1.20	1.00	72.84			
	Maruthinagar Right side								
	29th A cross	1	47.30	1.20	1.00	56.76			
	29th cross	1	49.40	1.20	1.00	59.28			
	30th cross, 1st main to store road	1	69.40	1.20	1.00	83.28			
	Store road	1	114.90	1.20	1.00	137.88			
	1st main to 2nd main								
	21st cross road	1	129.90	1.20	1.00	155.88			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	16th cross road	1	56.50	1.20	1.00	67.80			
	11th cross road	1	156.50	1.20	1.00	187.80			
	11th A cross, 3rd main to Deadend	1	120.80	1.20	1.00	144.96			
	16th cross, 2nd main to 3rd main	1	39.80	1.20	1.00	47.76			
	15th cross, 2nd main to 3rd main	1	144.80	1.20	1.00	173.76			
	14th cross, 2nd main to 3rd main	1	164.00	1.20	1.00	196.80			
	13th cross, 2nd main to 3rd main	1	166.50	1.20	1.00	199.80			
	3rd main								
	12th cross	1	173.40	1.20	1.00	208.08			
	11th cross	1	64.10	1.20	1.00	76.92			
	10th cross	1	110.00	1.20	1.00	132.00			
	8th cross	1	119.40	1.20	1.00	143.28			
	7th cross	1	178.70	1.20	1.00	214.44			
	6th cross	1	165.70	1.20	1.00	198.84			
	Opp. Mythri clinic road	1	54.50	1.20	1.00	65.40			
	23rd cross, 1st main to dead end	1	271.70	1.20	1.00	326.04			
	27th cross	1	385.10	1.20	1.00	462.12			
	28th cross, 1st main to Vikas layout	1	174.80	1.20	1.00	209.76			
	1st main	1	67.50	1.20	1.00	81.00			
	25th cross, 1st main to dead end	1	212.90	1.20	1.00	255.48			
	3rd main, from dead end to 7th cross	1	507.30	1.20	1.10	669.64			
	2nd main, from dead end to 7th cross	1	772.00	1.20	1.10	1019.04			
	27th to 28th cross	1	28.40	1.20	1.10	37.49			
	28th to 29th cross	1	40.50	1.20	1.10	53.46			
	28th cross	1	83.60	1.20	1.10	110.35			
	Anjanappa Block	1	145.40	1.20	1.10	191.93			
	Culvert	18	5.40	1.50	1.10	160.38			
	Desilt	40	158.00	0.50	0.50	1580.00			
						9708.88	**Cum**	**93.00**	**902926.21**
	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix1:3:6with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted,in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2								
	For Drain								
	Yellamma temple road	1	77.40	0.90	0.15	10.45			
	Kurlappa Layout	1	175.10	0.90	0.15	23.64			
	Papayya Layout								
	Marutheshwara temple road	1	83.70	0.90	0.15	11.30			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	8th cross, 1st main to dead end	1	124.70	0.90	0.15	16.83			
	8th cross, internal road	1	68.40	0.90	0.15	9.23			
	1st main road	1	83.50	0.90	0.15	11.27			
	Maruthinagar Left side								
	6th A cross	1	47.70	0.90	0.15	6.44			
	7th A cross	1	57.40	0.90	0.15	7.75			
	8th A cross	1	50.20	0.90	0.15	6.78			
	18th & 16th connecting road	1	116.50	0.90	0.15	15.73			
	7th cross	1	90.80	0.90	0.15	12.26			
	6th cross	1	113.00	0.90	0.15	15.26			
	8th cross	1	79.90	0.90	0.15	10.79			
	4th main road	1	69.00	0.90	0.15	9.32			
	1st A cross	1	146.80	0.90	0.15	19.82			
	11th A cross	1	43.50	0.90	0.15	5.87			
	Water tank road, from dead end	1	119.60	0.90	0.15	16.15			
	10th A cross, water tank road to dead end road	1	60.00	0.90	0.15	8.10			
	Cross road behind, 10th A cross	1	60.70	0.90	0.15	8.19			
	Maruthinagar Right side								
	29th A cross	1	47.30	0.90	0.15	6.39			
	29th cross	1	49.40	0.90	0.15	6.67			
	30th cross, 1st main to store road	1	69.40	0.90	0.15	9.37			
	Store road	1	114.90	0.90	0.15	15.51			
	1st main to 2nd main								
	21st cross road	1	129.90	0.90	0.15	17.54			
	16th cross road	1	56.50	0.90	0.15	7.63			
	11th cross road	1	156.50	0.90	0.15	21.13			
	11th A cross, 3rd main to Deadend	1	120.80	0.90	0.15	16.31			
	16th cross, 2nd main to 3rd main	1	39.80	0.90	0.15	5.37			
	15th cross, 2nd main to 3rd main	1	144.80	0.90	0.15	19.55			
	14th cross, 2nd main to 3rd main	1	164.00	0.90	0.15	22.14			
	13th cross, 2nd main to 3rd main	1	166.50	0.90	0.15	22.48			
	3rd main								
	12th cross	1	173.40	0.90	0.15	23.41			
	11th cross	1	64.10	0.90	0.15	8.65			
	10th cross	1	110.00	0.90	0.15	14.85			
	8th cross	1	119.40	0.90	0.15	16.12			
	7th cross	1	178.70	0.90	0.15	24.12			
	6th cross	1	165.70	0.90	0.15	22.37			
	Opp. Mythri clinic road	1	54.50	0.90	0.15	7.36			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	23rd cross, 1st main to dead end	1	271.70	0.90	0.15	36.68			
	27th cross	1	385.10	0.90	0.15	51.99			
	28th cross, 1st main to Vikas layout	1	174.80	0.90	0.15	23.60			
	1st main	1	67.50	0.90	0.15	9.11			
	25th cross, 1st main to dead end	1	212.90	0.90	0.15	28.74			
	3rd main, from dead end to 7th cross	1	507.30	0.90	0.15	68.49			
	2nd main, from dead end to 7th cross	1	772.00	0.90	0.15	104.22			
	27th to 28th cross	1	28.40	0.90	0.15	3.83			
	28th to 29th cross	1	40.50	0.90	0.15	5.47			
	28th cross	1	83.60	0.90	0.15	11.29			
	Anjanappa Block	1	145.40	0.90	0.15	19.63			
	Culvert	18	5.40	1.50	0.15	21.87			
						897.03	Cum	5723.17	5133880.94
5	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200								
	For Drain								
	Raft								
	Yellamma temple road	1	77.40	0.80	0.15	9.29			
	Kurlappa Layout	1	175.10	0.80	0.15	21.01			
	Papayya Layout								
	Marutheshwara temple road	1	83.70	0.80	0.15	10.04			
	8th cross, 1st main to dead end	1	124.70	0.80	0.15	14.96			
	8th cross, internal road	1	68.40	0.80	0.15	8.21			
	1st main road	1	83.50	0.80	0.15	10.02			
	Maruthinagar Left side								
	6th A cross	1	47.70	0.80	0.15	5.72			
	7th A cross	1	57.40	0.80	0.15	6.89			
	8th A cross	1	50.20	0.80	0.15	6.02			
	18th & 16th connecting road	1	116.50	0.80	0.15	13.98			
	7th cross	1	90.80	0.80	0.15	10.90			
	6th cross	1	113.00	0.80	0.15	13.56			
	8th cross	1	79.90	0.80	0.15	9.59			
	4th main road	1	69.00	0.80	0.125	6.90			
	1st A cross	1	146.80	0.80	0.15	17.62			
	11th A cross	1	43.50	0.80	0.125	4.35			
	Water tank road, from dead end	1	119.60	0.80	0.125	11.96			
	10th A cross, water tank road to dead end road	1	60.00	0.80	0.125	6.00			
	Cross road behind, 10th A cross	1	60.70	0.80	0.125	6.07			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Maruthinagar Right side								
	29th A cross	1	47.30	0.80	0.125	4.73			
	29th cross	1	49.40	0.80	0.125	4.94			
	30th cross, 1st main to store road	1	69.40	0.80	0.125	6.94			
	Store road	1	114.90	0.80	0.125	11.49			
	1st main to 2nd main								
	21st cross road	1	129.90	0.80	0.125	12.99			
	16th cross road	1	56.50	0.80	0.125	5.65			
	11th cross road	1	156.50	0.80	0.125	15.65			
	11th A cross, 3rd main to Deadend	1	120.80	0.80	0.125	12.08			
	16th cross, 2nd main to 3rd main	1	39.80	0.80	0.125	3.98			
	15th cross, 2nd main to 3rd main	1	144.80	0.80	0.125	14.48			
	14th cross, 2nd main to 3rd main	1	164.00	0.80	0.125	16.40			
	13th cross, 2nd main to 3rd main	1	166.50	0.80	0.125	16.65			
	3rd main								
	12th cross	1	173.40	0.80	0.125	17.34			
	11th cross	1	64.10	0.80	0.125	6.41			
	10th cross	1	110.00	0.80	0.125	11.00			
	8th cross	1	119.40	0.80	0.125	11.94			
	7th cross	1	178.70	0.80	0.125	17.87			
	6th cross	1	165.70	0.80	0.125	16.57			
	Opp. Mythri clinic road	1	54.50	0.80	0.125	5.45			
	23rd cross, 1st main to dead end	1	271.70	0.80	0.125	27.17			
	27th cross	1	385.10	0.80	0.125	38.51			
	28th cross, 1st main to Vikas layout	1	174.80	0.80	0.125	17.48			
	1st main	1	67.50	0.80	0.125	6.75			
	25th cross, 1st main to dead end	1	212.90	0.80	0.125	21.29			
	3rd main, from dead end to 7th cross	1	507.30	0.80	0.125	50.73			
	2nd main, from dead end to 7th cross	1	772.00	0.80	0.125	77.20			
	27th to 28th cross	1	28.40	0.80	0.125	2.84			
	28th to 29th cross	1	40.50	0.80	0.125	4.05			
	28th cross	1	83.60	0.80	0.125	8.36			
	Anjanappa Block	1	145.40	0.80	0.125	14.54			
	Wall								
	Yellamma temple road	2	77.40	0.125	0.60	11.61			
	Kurlappa Layout	2	175.10	0.125	0.60	26.27			
	Papayya Layout								
	Marutheshwara temple road	2	83.70	0.125	0.60	12.56			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	8th cross, 1st main to dead end	2	124.70	0.125	0.60	18.71			
	8th cross, internal road	2	68.40	0.125	0.60	10.26			
	1st main road	2	83.50	0.125	0.60	12.53			
	Maruthinagar Left side								
	6th A cross	2	47.70	0.125	0.60	7.16			
	7th A cross	2	57.40	0.125	0.60	8.61			
	8th A cross	2	50.20	0.125	0.60	7.53			
	18th & 16th connecting road	2	116.50	0.125	0.60	17.48			
	7th cross	2	90.80	0.125	0.60	13.62			
	6th cross	2	113.00	0.125	0.60	16.95			
	8th cross	2	79.90	0.125	0.60	11.99			
	4th main road	2	69.00	0.125	0.60	10.35			
	1st A cross	2	146.80	0.125	0.60	22.02			
	11th A cross	2	43.50	0.125	0.60	6.53			
	Water tank road, from dead end	2	119.60	0.125	0.60	17.94			
	10th A cross, water tank road to dead end road	2	60.00	0.125	0.60	9.00			
	Cross road behind, 10th A cross	2	60.70	0.125	0.60	9.11			
	Maruthinagar Right side								
	29th A cross	2	47.30	0.125	0.60	7.10			
	29th cross	2	49.40	0.125	0.60	7.41			
	30th cross, 1st main to store road	2	69.40	0.125	0.60	10.41			
	Store road	2	114.90	0.125	0.60	17.24			
	1st main to 2nd main								
	21st cross road	2	129.90	0.125	0.60	19.49			
	16th cross road	2	56.50	0.125	0.60	8.48			
	11th cross road	2	156.50	0.125	0.60	23.48			
	11th A cross, 3rd main to Deadend	2	120.80	0.150	0.60	21.74			
	16th cross, 2nd main to 3rd main	2	39.80	0.125	0.60	5.97			
	15th cross, 2nd main to 3rd main	2	144.80	0.125	0.60	21.72			
	14th cross, 2nd main to 3rd main	2	164.00	0.125	0.60	24.60			
	13th cross, 2nd main to 3rd main	2	166.50	0.125	0.60	24.98			
	3rd main								
	12th cross	2	173.40	0.150	0.60	31.21			
	11th cross	2	64.10	0.150	0.60	11.54			
	10th cross	2	110.00	0.125	0.60	16.50			
	8th cross	2	119.40	0.150	0.60	21.49			
	7th cross	2	178.70	0.150	0.60	32.17			
	6th cross	2	165.70	0.125	0.60	24.86			
	Opp. Mythri clinic road	2	54.50	0.125	0.60	8.18			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	23rd cross, 1st main to dead end	2	271.70	0.125	0.60	40.76			
	27th cross	2	385.10	0.125	0.60	57.77			
	28th cross, 1st main to Vikas layout	2	174.80	0.125	0.60	26.22			
	1st main	2	67.50	0.125	0.60	10.13			
	25th cross, 1st main to dead end	2	212.90	0.125	0.60	31.94			
	3rd main, from dead end to 7th cross	2	507.30	0.125	0.60	76.10			
	2nd main, from dead end to 7th cross	2	772.00	0.125	0.60	115.80			
	27th to 28th cross	2	28.40	0.125	0.60	4.26			
	28th to 29th cross	2	40.50	0.125	0.60	6.08			
	28th cross	2	83.60	0.125	0.60	12.54			
	Anjanappa Block	2	145.40	0.125	0.60	21.81			
	Culvert	18	5.40	1.30	0.20	25.27			
		36	5.40	0.23	0.62	27.72			
						1719.66	Cum	11804.75	20300185.19
6	KSRB 4.9.2 : Providing T .M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 for TMT Bars Fe500								
	For Drain								
	60kgs/cum		1666.67	60.00		100000			
	For Culvert								
	85kgs/cum		52.99	85.00		4504			
						104504.58			
						104.50	Tn	68740.46	7183693.07
7	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-								
	For Drain								
	Yellamma temple road	1	77.40	0.75		58.05			
	Kurlappa Layout	1	175.10	0.75		131.33			
	Papayya Layout								
	Marutheshwara temple road	1	83.70	0.75		62.78			
	8th cross, 1st main to dead end	1	124.70	0.75		93.53			
	8th cross, internal road	1	68.40	0.75		51.30			
	1st main road	1	83.50	0.75		62.63			
	Maruthinagar Left side								
	6th A cross	1	47.70	0.75		35.78			
	7th A cross	1	57.40	0.75		43.05			
	8th A cross	1	50.20	0.75		37.65			
	18th & 16th connecting road	1	116.50	0.75		87.38			
	7th cross	1	90.80	0.75		68.10			
	6th cross	1	113.00	0.75		84.75			
	8th cross	1	79.90	0.75		59.93			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	28th to 29th cross	1	40.50	0.90		36.45			
	28th cross	1	83.60	0.90		75.24			
	Anjanappa Block	1	145.40	0.75		109.05			
	Missing slabs	1	200.00	0.90		180.00			
		1	273.00	0.75		204.75			
						5534.40	Sqm	1879.99	10404616.66
8	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-								
		3	5.60	1.50		25.20			
		3	6.00	0.90		16.20			
						41.40	Sqm	5055.75	209308.05
9	KSRRB M300-14. Excavation for roadwork in all type of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301								
	3rd main								
	12th cross	1	108.60	4.45	0.40	193.31			
	11th cross	1	72.30	3.75	0.40	108.45			
	10th cross	1	123.30	4.20	0.40	207.14			
	9th cross	1	144.90	4.40	0.40	255.02			
	8th cross	1	161.30	1.50	0.40	96.78			
	7th cross	1	181.00	4.95	0.40	358.38			
	6th cross	1	201.00	4.20	0.40	337.68			
	5th cross	1	84.30	1.65	0.40	55.64			
	4th cross	1	62.90	4.25	0.40	106.93			
	3rd cross	1	64.70	3.95	0.40	102.23			
	2nd cross	1	64.80	4.35	0.40	112.75			
	1st cross	1	68.50	4.25	0.40	116.45			
	1st A cross	1	45.50	4.00	0.40	72.80			
	1st B cross	1	54.80	4.00	0.40	87.68			
	1st C cross	1	56.00	4.55	0.40	101.92			
	1st D cross	1	61.20	5.00	0.40	122.40			
	2nd main								
	2nd cross	1	64.50	4.20	0.40	108.36			
	4th cross	1	63.00	4.20	0.40	105.84			
	5th cross	1	62.50	4.35	0.40	108.75			
	6th cross	1	62.60	4.40	0.40	110.18			
	3rd cross	1	64.30	4.60	0.40	118.31			
	6th A cross	1	23.70	4.95	0.40	46.93			
	7th cross	1	64.10	4.15	0.40	106.41			
	8th cross	1	64.50	4.45	0.40	114.81			
	9th cross	1	63.60	1.50	0.40	38.16			
	10th cross	1	82.60	1.50	0.40	49.56			
	11th cross	1	62.80	1.45	0.40	36.42			
	Anjinappa Block	1	69.40	5.70	0.40	158.23			
	12th cross	1	82.00	4.20	0.40	137.76			
	13th cross	1	62.20	4.50	0.40	111.96			
	14th cross	1	62.90	4.15	0.40	104.41			
	15th cross	1	82.70	4.60	0.40	152.17			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	16th cross	1	82.50	4.20	0.40	138.60			
	11th A cross	1	70.70	4.35	0.40	123.02			
	1st main								
	7th cross	1	214.20	4.35	0.40	372.71			
	Cross road	1	45.80	6.70	0.40	122.74			
	8th cross	1	200.90	4.15	0.40	333.49			
	9th cross	1	188.80	4.45	0.40	336.06			
	10th cross	1	173.00	3.90	0.40	269.88			
	13th cross	1	56.40	5.00	0.40	112.80			
	14th cross	1	74.00	6.35	0.40	187.96			
	16th cross	1	64.20	1.55	0.40	39.80			
	17th cross	1	64.00	1.65	0.40	42.24			
	18th cross	1	63.80	4.20	0.40	107.18			
	19th cross	1	63.50	4.40	0.40	111.76			
	20th cross	1	63.90	4.65	0.40	118.85			
	21st cross	1	64.40	3.90	0.40	100.46			
	22nd cross	1	64.00	1.65	0.40	42.24			
	27th cross	1	194.30	6.95	0.40	540.15			
	Maruthinagar Left Side								
	10th A cross	1	48.40	4.45	0.40	86.15			
	4th cross, 1st cross	1	217.60	4.00	0.40	348.16			
	4th cross	1	226.80	4.95	0.40	449.06			
	4th cross, Dead end	1	31.80	4.35	0.40	55.33			
	8th cross	1	101.00	5.05	0.40	204.02			
	8th A cross	1	32.00	5.65	0.40	72.32			
	4th cross, 1st main	1	115.60	5.80	0.40	268.19			
	7th A cross	1	27.90	6.05	0.40	67.52			
	7th cross	1	46.00	5.65	0.40	103.96			
	6th A cross	1	20.30	5.70	0.40	46.28			
	6th cross	1	72.20	5.90	0.40	170.39			
	6th A & 8th A connecting	1	59.70	4.40	0.40	105.07			
	4th cross, 2nd cross	1	104.90	4.55	0.40	190.92			
	10th A cross	1	23.00	3.90	0.40	35.88			
	10th B cross	1	29.40	4.45	0.40	52.33			
	Kurlappa Layout								
	2nd cross, LHS	1	26.50	4.30	0.40	45.58			
	2nd cross, RHS	1	28.30	4.00	0.40	45.28			
	3rd cross, LHS	1	27.20	4.15	0.40	45.15			
	3rd cross, RHS	1	27.20	4.05	0.40	44.06			
	4th cross, LHS	1	26.00	4.40	0.40	45.76			
	4th cross, RHS	1	34.40	4.25	0.40	58.48			
	5th cross, LHS	1	26.50	4.25	0.40	45.05			
	5th cross, RHS	1	38.30	4.30	0.40	65.88			
	6th cross, LHS	1	30.40	4.30	0.40	52.29			
	Papayya Layout								
	Marutheshwara temple Road	1	78.00	6.10	0.40	190.32			
	8th cross	1	62.00	5.90	0.40	146.32			
	8th cross, Perpendicular Rd	1	67.10	5.20	0.40	139.57			
	6th cross, LHS	1	123.00	4.85	0.40	238.62			
	3rd cross, RHS	1	22.80	4.05	0.40	36.94			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Cross road - 1	1	26.40	1.98	0.40	20.91			
	Cross road - 2	1	41.80	4.00	0.40	66.88			
	2nd cross	1	80.30	3.50	0.40	112.42			
	Cross road - 1	1	28.20	4.10	0.40	46.25			
	1st A main	1	60.00	3.90	0.40	93.60			
						21338.73	Cum		
	Upto 125%					17906.76		52.17	934195.80
	Above 125%					3431.96		51.78	177717.77
	Basic rate		46.00						
	6.00% AW		2.76						
	Sub total		48.76						
	TP, 6.02 % above		3.02						
	Total		51.78						
10	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.Close graded granular sub-base material as per 400-1 For Grading- II Material								
	3rd main								
	12th cross	1	108.60	4.45	0.15	72.49			
	11th cross	1	72.30	3.75	0.15	40.67			
	10th cross	1	123.30	4.20	0.15	77.68			
	9th cross	1	144.90	4.40	0.15	95.63			
	8th cross	1	161.30	1.50	0.15	36.29			
	7th cross	1	181.00	4.95	0.15	134.39			
	6th cross	1	201.00	4.20	0.15	126.63			
	5th cross	1	84.30	1.65	0.15	20.86			
	4th cross	1	62.90	4.25	0.15	40.10			
	3rd cross	1	64.70	3.95	0.15	38.33			
	2nd cross	1	64.80	4.35	0.15	42.28			
	1st cross	1	68.50	4.25	0.15	43.67			
	1st A cross	1	45.50	4.00	0.15	27.30			
	1st B cross	1	54.80	4.00	0.15	32.88			
	1st C cross	1	56.00	4.55	0.15	38.22			
	1st D cross	1	61.20	5.00	0.15	45.90			
	2nd main								
	2nd cross	1	64.50	4.20	0.15	40.64			
	4th cross	1	63.00	4.20	0.15	39.69			
	5th cross	1	62.50	4.35	0.15	40.78			
	6th cross	1	62.60	4.40	0.15	41.32			
	3rd cross	1	64.30	4.60	0.15	44.37			
	6th A cross	1	23.70	4.95	0.15	17.60			
	7th cross	1	64.10	4.15	0.15	39.90			
	8th cross	1	64.50	4.45	0.15	43.05			
	9th cross	1	63.60	1.50	0.15	14.31			
	10th cross	1	82.60	1.50	0.15	18.59			
	11th cross	1	62.80	1.45	0.15	13.66			
	Anjinappa Block	1	69.40	5.70	0.15	59.34			
	12th cross	1	82.00	4.20	0.15	51.66			
	13th cross	1	62.20	4.50	0.15	41.99			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	14th cross	1	62.90	4.15	0.15	39.16			
	15th cross	1	82.70	4.60	0.15	57.06			
	16th cross	1	82.50	4.20	0.15	51.98			
	11th A cross	1	70.70	4.35	0.15	46.13			
	1st main								
	7th cross	1	214.20	4.35	0.15	139.77			
	Cross road	1	45.80	6.70	0.15	46.03			
	8th cross	1	200.90	4.15	0.15	125.06			
	9th cross	1	188.80	4.45	0.15	126.02			
	10th cross	1	173.00	3.90	0.15	101.21			
	13th cross	1	56.40	5.00	0.15	42.30			
	14th cross	1	74.00	6.35	0.15	70.49			
	16th cross	1	64.20	1.55	0.15	14.93			
	17th cross	1	64.00	1.65	0.15	15.84			
	18th cross	1	63.80	4.20	0.15	40.19			
	19th cross	1	63.50	4.40	0.15	41.91			
	20th cross	1	63.90	4.65	0.15	44.57			
	21st cross	1	64.40	3.90	0.15	37.67			
	22nd cross	1	64.00	1.65	0.15	15.84			
	27th cross	1	194.30	6.95	0.15	202.56			
	Maruthinagar Left Side								
	10th A cross	1	48.40	4.45	0.15	32.31			
	4th cross, 1st cross	1	217.60	4.00	0.15	130.56			
	4th cross	1	226.80	4.95	0.15	168.40			
	4th cross, Dead end	1	31.80	4.35	0.15	20.75			
	8th cross	1	101.00	5.05	0.15	76.51			
	8th A cross	1	32.00	5.65	0.15	27.12			
	4th cross, 1st main	1	115.60	5.80	0.15	100.57			
	7th A cross	1	27.90	6.05	0.15	25.32			
	7th cross	1	46.00	5.65	0.15	38.99			
	6th A cross	1	20.30	5.70	0.15	17.36			
	6th cross	1	72.20	5.90	0.15	63.90			
	6th A & 8th A connecting	1	59.70	4.40	0.15	39.40			
	4th cross, 2nd cross	1	104.90	4.55	0.15	71.59			
	10th A cross	1	23.00	3.90	0.15	13.46			
	10th B cross	1	29.40	4.45	0.15	19.62			
	Kurlappa Layout								
	2nd cross, LHS	1	26.50	4.30	0.15	17.09			
	2nd cross, RHS	1	28.30	4.00	0.15	16.98			
	3rd cross, LHS	1	27.20	4.15	0.15	16.93			
	3rd cross, RHS	1	27.20	4.05	0.15	16.52			
	4th cross, LHS	1	26.00	4.40	0.15	17.16			
	4th cross, RHS	1	34.40	4.25	0.15	21.93			
	5th cross, LHS	1	26.50	4.25	0.15	16.89			
	5th cross, RHS	1	38.30	4.30	0.15	24.70			
	6th cross, LHS	1	30.40	4.30	0.15	19.61			
	Papayya Layout								
	Marutheshwara temple Road	1	78.00	6.10	0.15	71.37			
	8th cross	1	62.00	5.90	0.15	54.87			
	8th cross, Perpendicular Rd	1	67.10	5.20	0.15	52.34			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	6th cross, LHS	1	123.00	4.85	0.15	89.48			
	3rd cross, RHS	1	22.80	4.05	0.15	13.85			
	2nd cross, RHS	1	25.30	4.25	0.15	16.13			
	Papayya mn rd	2	370.00	2.10	0.15	233.10			
	2nd cross - LHS	1	59.30	1.60	0.15	14.23			
	Cross road	1	17.60	4.45	0.15	11.75			
	3rd cross - LHS	1	58.50	1.70	0.15	14.92			
	4th cross - LHS	1	60.00	1.65	0.15	14.85			
	RV Chowltry Road	1	138.60	6.90	0.15	143.45			
	CROSS RD	1	104.70	4.25	0.15	66.75			
	12TH Cross Rd, LHS	2	26.60	1.35	0.15	10.77			
	12TH Cross Rd, RHS	2	28.60	1.60	0.15	13.73			
	12TH CROSS	2	162.30	1.80	0.15	87.64			
	2ND MAIN	2	504.30	2.00	0.15	302.58			
	25TH CROSS	2	291.80	1.55	0.15	135.69			
	28TH Cross	1	185.40	6.55	0.15	182.16			
	29TH A Cross	1	52.00	4.45	0.15	34.71			
	29TH Cross	1	41.00	5.10	0.15	31.37			
	Dead end store road	1	106.00	5.00	0.15	79.50			
	31st Cross	1	34.80	5.75	0.15	30.02			
	30th Cross	1	40.80	5.30	0.15	32.44			
	1st main dead end	1	130.50	5.20	0.15	101.79			
	15th cross	1	248.30	4.70	0.15	175.05			
	11th cross	1	156.20	4.55	0.15	106.61			
	Shankarappa road	1	199.00	6.65	0.15	198.50			
	Surabi Layout								
	3rd cross	1	343.40	6.28	0.15	323.48			
	cross road	1	106.50	6.10	0.15	97.45			
	Maruti nagara								
	Main road	1	46.00	5.90	0.15	40.71			
	1st A main	1	100.00	3.50	0.15	52.50			
	Kurlappa Layout Mn Rd	2	271.50	1.78	0.15	144.98			
	10th A cross	1	39.00	4.80	0.15	28.08			
	10th B cross	1	30.00	4.35	0.15	19.58			
	9th A cross	1	37.00	4.75	0.15	26.36			
	9th B cross	1	42.80	4.25	0.15	27.29			
	8th A cross	1	81.50	4.60	0.15	56.24			
	8th B cross	1	37.00	4.50	0.15	24.98			
	6th cross, RHS	1	21.00	3.50	0.15	11.03			
	3rd Main	2	502.10	1.80	0.15	271.13			
	4th Main	1	64.70	3.50	0.15	33.97			
	23th cross	2	300.00	1.81	0.15	162.90			
	24th cross	2	326.00	1.85	0.15	180.93			
	Munithimmayya rd	1	232.00	5.00	0.15	174.00			
	CC Road								
	1st cross	1	44.30	3.90	0.15	25.92			
	1st A cross	1	32.00	4.20	0.15	20.16			
	2nd cross	1	35.70	4.35	0.15	23.29			
	3rd A cross	1	16.20	3.80	0.15	9.23			
	3rd cross	1	33.70	3.50	0.15	17.69			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	12th cross	1	82.00	4.20	0.225	77.49			
	13th cross	1	62.20	4.50	0.225	62.98			
	14th cross	1	62.90	4.15	0.225	58.73			
	15th cross	1	82.70	4.60	0.225	85.59			
	16th cross	1	82.50	4.20	0.225	77.96			
	11th A cross	1	70.70	4.35	0.225	69.20			
	1st main								
	7th cross	1	214.20	4.35	0.225	209.65			
	Cross road	1	45.80	6.70	0.225	69.04			
	8th cross	1	200.90	4.15	0.225	187.59			
	9th cross	1	188.80	4.45	0.225	189.04			
	10th cross	1	173.00	3.90	0.225	151.81			
	13th cross	1	56.40	5.00	0.225	63.45			
	14th cross	1	74.00	6.35	0.225	105.73			
	16th cross	1	64.20	1.55	0.225	22.39			
	17th cross	1	64.00	1.65	0.225	23.76			
	18th cross	1	63.80	4.20	0.225	60.29			
	19th cross	1	63.50	4.40	0.225	62.87			
	20th cross	1	63.90	4.65	0.225	66.86			
	21st cross	1	64.40	3.90	0.225	56.51			
	22nd cross	1	64.00	1.65	0.225	23.76			
	27th cross	1	194.30	6.95	0.225	303.84			
	Maruthinagar Left Side								
	10th A cross	1	48.40	4.45	0.225	48.46			
	4th cross, 1st cross	1	217.60	4.00	0.225	195.84			
	4th cross	1	226.80	4.95	0.225	252.60			
	4th cross, Dead end	1	31.80	4.35	0.225	31.12			
	8th cross	1	101.00	5.05	0.225	114.76			
	8th A cross	1	32.00	5.65	0.225	40.68			
	4th cross, 1st main	1	115.60	5.80	0.225	150.86			
	7th A cross	1	27.90	6.05	0.225	37.98			
	7th cross	1	46.00	5.65	0.225	58.48			
	6th A cross	1	20.30	5.70	0.225	26.03			
	6th cross	1	72.20	5.90	0.225	95.85			
	6th A & 8th A connecting	1	59.70	4.40	0.225	59.10			
	4th cross, 2nd cross	1	104.90	4.55	0.225	107.39			
	10th A cross	1	23.00	3.90	0.225	20.18			
	10th B cross	1	29.40	4.45	0.225	29.44			
	Kurlappa Layout								
	2nd cross, LHS	1	26.50	4.30	0.225	25.64			
	2nd cross, RHS	1	28.30	4.00	0.225	25.47			
	3rd cross, LHS	1	27.20	4.15	0.225	25.40			
	3rd cross, RHS	1	27.20	4.05	0.225	24.79			
	4th cross, LHS	1	26.00	4.40	0.225	25.74			
	4th cross, RHS	1	34.40	4.25	0.225	32.90			
	5th cross, LHS	1	26.50	4.25	0.225	25.34			
	5th cross, RHS	1	38.30	4.30	0.225	37.06			
	6th cross, LHS	1	30.40	4.30	0.225	29.41			
	Papayya Layout								
	Marutheshwara temple Road	1	78.00	6.10	0.225	107.06			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	8th cross	1	62.00	5.90	0.225	82.31			
	8th cross, Perpendicular Rd	1	67.10	5.20	0.225	78.51			
	6th cross, LHS	1	123.00	4.85	0.225	134.22			
	3rd cross, RHS	1	22.80	4.05	0.225	20.78			
	2nd cross, RHS	1	25.30	4.25	0.225	24.19			
	Papayya mn rd	2	370.00	2.10	0.225	349.65			
	2nd cross - LHS	1	59.30	1.60	0.225	21.35			
	Cross road	1	17.60	4.45	0.225	17.62			
	3rd cross - LHS	1	58.50	1.70	0.225	22.38			
	4th cross - LHS	1	60.00	1.65	0.225	22.28			
	RV Chowltry Road	1	138.60	6.90	0.225	215.18			
	CROSS RD	1	104.70	4.25	0.225	100.12			
	12TH Cross Rd, LHS	2	26.60	1.35	0.225	16.16			
	12TH Cross Rd, RHS	2	28.60	1.60	0.225	20.59			
	12TH CROSS	2	162.30	1.80	0.225	131.46			
	2ND MAIN	2	504.30	2.00	0.225	453.87			
	25TH CROSS	2	291.80	1.55	0.225	203.53			
	28TH Cross	1	185.40	6.55	0.225	273.23			
	29TH A Cross	1	52.00	4.45	0.225	52.07			
	29TH Cross	1	41.00	5.10	0.225	47.05			
	Dead end store road	1	106.00	5.00	0.225	119.25			
	31st Cross	1	34.80	5.75	0.225	45.02			
	30th Cross	1	40.80	5.30	0.225	48.65			
	1st main dead end	1	130.50	5.20	0.225	152.69			
	15th cross	1	248.30	4.70	0.225	262.58			
	11th cross	1	156.20	4.55	0.225	159.91			
	Shankarappa road	1	199.00	6.65	0.225	297.75			
	Surabi Layout								
	3rd cross	1	343.40	6.28	0.225	485.22			
	cross road	1	106.50	6.10	0.225	146.17			
	Maruti nagara								
	Main road	1	46.00	5.90	0.225	61.07			
	1st A main	1	100.00	3.50	0.225	78.75			
	Kurlappa Layout Mn Rd	2	271.50	1.78	0.225	217.47			
	10th A cross	1	39.00	4.80	0.225	42.12			
	10th B cross	1	30.00	4.35	0.225	29.36			
	9th A cross	1	37.00	4.75	0.225	39.54			
	9th B cross	1	42.80	4.25	0.225	40.93			
	8th A cross	1	81.50	4.60	0.225	84.35			
	8th B cross	1	37.00	4.50	0.225	37.46			
	6th cross, RHS	1	21.00	3.50	0.225	16.54			
	3rd Main	2	502.10	1.80	0.225	406.70			
	4th Main	1	64.70	3.50	0.225	50.95			
	23th cross	2	300.00	1.81	0.225	244.35			
	24th cross	2	326.00	1.85	0.225	271.40			
	Munithimmayya rd	1	232.00	5.00	0.225	261.00			
						11531.72	Cum		
	Upto 125%					**9228.59**		**1891.85**	**17459103.26**
	Above 125%					**2303.13**		**1877.70**	**4324584.86**
	Basic rate		**1668.00**						

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	6.00% AW		100.08						
	Sub total		1768.08						
	TP, 6.02 % above		109.62						
	Total		1877.70						
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM,WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502								
	3rd main								
	12th cross	1	108.60	4.45		483.27			
	11th cross	1	72.30	3.75		271.13			
	10th cross	1	123.30	4.20		517.86			
	9th cross	1	144.90	4.40		637.56			
	8th cross	1	161.30	4.22		680.69			
	7th cross	1	181.00	4.95		895.95			
	6th cross	1	201.00	4.20		844.20			
	5th cross	1	84.30	4.40		370.92			
	4th cross	1	62.90	4.25		267.33			
	3rd cross	1	64.70	3.95		255.57			
	2nd cross	1	64.80	4.35		281.88			
	1st cross	1	68.50	4.25		291.13			
	1st A cross	1	45.50	4.00		182.00			
	1st B cross	1	54.80	4.00		219.20			
	1st C cross	1	56.00	4.55		254.80			
	1st D cross	1	61.20	5.00		306.00			
	2nd main								
	2nd cross	1	64.50	4.20		270.90			
	4th cross	1	63.00	4.20		264.60			
	5th cross	1	62.50	4.35		271.88			
	6th cross	1	62.60	4.40		275.44			
	3rd cross	1	64.30	4.60		295.78			
	6th A cross	1	23.70	4.95		117.32			
	7th cross	1	64.10	4.15		266.02			
	8th cross	1	64.50	4.45		287.03			
	9th cross	1	63.60	4.55		289.38			
	10th cross	1	82.60	4.15		342.79			
	11th cross	1	62.80	3.95		248.06			
	Anjinappa Block	1	69.40	5.70		395.58			
	12th cross	1	82.00	4.20		344.40			
	13th cross	1	62.20	4.50		279.90			
	14th cross	1	62.90	4.15		261.04			
	15th cross	1	82.70	4.60		380.42			
	16th cross	1	82.50	4.20		346.50			
	11th A cross	1	70.70	4.35		307.55			
	1st main								
	7th cross	1	214.20	4.35		931.77			
	Cross road	1	45.80	6.70		306.86			
	8th cross	1	200.90	4.15		833.74			
	9th cross	1	188.80	4.45		840.16			
	10th cross	1	173.00	3.90		674.70			